

What Is Claimed Is:

1. A method of connecting a terminal to a wire, comprising the steps of:

forming inwardly-directed projecting portions in a bent manner respectively at distal ends of a pair of clamping piece portions which are continuous with each other and form a wire connection portion of a terminal;

locating a conductor portion of a wire on inner sides of the pair of clamping piece portions; and

pressing the pair of clamping piece portions over an entire periphery thereof into a circular shape so as to extend in a peripheral direction, thereby causing projecting extension portions, including the projecting portions, to bite into the conductor portion of the wire.

2. The method of claim 1, wherein the pressing step is effected by a rotary swaging machine.

3. The method of claim 1, wherein the pressing step is effected, while the projecting portions of the pair of clamping piece portions are joined together.

4. The method of claim 1, further comprising:
forming the pair of projecting portions to have the same length and the same bending angle.

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1 5. The method of claim 2, further comprising:
2 forming the pair of projecting portions to have
3 the same length and the same bending angle.

1 6. The method of claim 3, further comprising:
2 forming the pair of projecting portions to have
3 the same length and the same bending angle.

1 7. The method of claim 1, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be curved; and
4 causing distal ends of the projecting portions
5 to bite slightly into an outer peripheral surface of
6 the conductor portion.

1 8. The method of claim 2, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be curved; and
4 causing distal ends of the projecting portions
5 to bite slightly into an outer peripheral surface of
6 the conductor portion.

1 9. The method of claim 3, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be curved; and
4 causing distal ends of the projecting portions

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5 to bite slightly into an outer peripheral surface of
6 the conductor portion.

1 10. The method of claim 4, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be curved; and
4 causing distal ends of the projecting portions
5 to bite slightly into an outer peripheral surface of
6 the conductor portion.

1 11. The method of claim 5, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be curved; and
4 causing distal ends of the projecting portions
5 to bite slightly into an outer peripheral surface of
6 the conductor portion.

1 12. The method of claim 6, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be curved; and
4 causing distal ends of the projecting portions
5 to bite slightly into an outer peripheral surface of
6 the conductor portion.

1 13. The method of claim 1, further comprising:
2 forming a first one of the projecting portions
3 of the pair of clamping piece portions to be shorter

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4 than a second one of the projecting portions;

5 bending the first one of the projecting portions
6 inwardly at a deep angle; and

7 bending the second one of the projecting portions
8 inwardly at a shallow angle,

9 wherein when the pressing step is effected, one
10 of the projecting extension portions, including the
11 first one of the projecting portions, is caused to
12 bite into the conductor portion of the wire while the
13 other one of the projecting extension portions,
14 including the second one of the projecting portions,
15 is held in intimate contact with an outer peripheral
16 surface of the conductor portion.

1 14. The method of claim 13, wherein a distal end
2 of the other one of the projecting extension portions
3 is joined to a bent proximal end of the one of the
4 projecting extension portions while the one of the
5 projecting extension portions is caused to bite into
6 the conductor portion of the wire.

1 15. The method of claim 13, wherein a biting direction
2 of the one of the projecting extension portions is
3 deviated outwardly from an axis of the conductor portion
4 of the wire.

1 16. The method of claim 14, wherein a biting direction

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2 of the one of the projecting extension portions is
3 deviated outwardly from an axis of the conductor portion
4 of the wire.

1 17. The method of claim 13, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be bent;
4 causing a distal end of the first one of the
5 projecting portions to bite slightly into the outer
6 peripheral surface of the conductor portion; and
7 superposing the second one of the projecting
8 portions on an outer side of a bent proximal end of
9 the first one of the projecting portions.

1 18. The method of claim 14, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be bent;
4 causing a distal end of the first one of the
5 projecting portions to bite slightly into the outer
6 peripheral surface of the conductor portion; and
7 superposing the second one of the projecting
8 portions on an outer side of a bent proximal end of
9 the first one of the projecting portions.

1 19. The method of claim 15, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be bent;

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4 causing a distal end of the first one of the
5 projecting portions to bite slightly into the outer
6 peripheral surface of the conductor portion; and
7 superposing the second one of the projecting
8 portions on an outer side of a bent proximal end of
9 the first one of the projecting portions.

1 20. The method of claim 16, further comprising:
2 before the pressing step, provisionally pressing
3 the pair of clamping piece portions to be bent;
4 causing a distal end of the first one of the
5 projecting portions to bite slightly into the outer
6 peripheral surface of the conductor portion; and
7 superposing the second one of the projecting
8 portions on an outer side of a bent proximal end of
9 the first one of the projecting portions.